



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

of 6

Complete if Known

Application Number	09/599,968
Filing Date	June 21, 2000
First Named Inventor	Roberto Aiello et al
Art Unit	2631
Examiner Name	Phuong M Phu
Attorney Docket Number	00055

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JP		US- 3,668,639	06-06-1972	Harmuth	
		US- 3,678,204	07-18-1972	Harmuth	
		US- 3,728,632	04-17-1973	Ross	
		US- 3,875,524	04-1975	Harzer et al.	
		US- 4,232,339	11-1980	Smiley et al.	
		US- 4,506,267	03-19-1985	Harmuth	
		US- 4,574,378	03-1986	Kobayashi	
		US- 4,641,317	02-03-1987	Fullerton	
		US- 4,644,534	02-1987	Sperlich	
		US- 4,651,152	03-17-1987	Harmuth	
		US- 4,672,608	06-1987	Ball et al.	
		US- 4,743,906	05-10-1998	Fullerton	
		US- 4,763,325	08-1988	Wolfe et al.	
		US- 4,813,057	03-14-1989	Fullerton	
		US- 5,134,408	07-28-1992	Harmuth	
		US- 5,148,174	09-15-1992	Harmuth	
		US- 5,153,595	10-06-1992	Harmuth	
		US- 5,159,343	10-27-1992	Harmuth	
		US- 5,307,081	04-26-1994	Harmuth	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JP		WO 01/93434 A2	10-06-2001	Rofheart et al.		
		WO 02/31986 A2	04-18-2002	McCorkle et al.		

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Phuong Phu

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DP		US- 5,334,975	08-02-1994	Wachob et al.	
		US- 5,365,240	11-15-1994	Harmuth	
		US- 5,493,691	02-20-1996	Barrett	
		US- 5,519,400	05-1996	McEwan	
		US- 5,523,758	06-04-1996	Harmuth	
		US- 5,586,145	12-17-1996	Morgan et al.	
		US- 5,592,177	01-07-1997	Barrett	
		US- 5,594,738	01-1997	Crisler et al.	
		US- 5,610,907	03-11-1997	Barrett	
		US- 5,675,388	10-1997	Cooper	
		US- 5,748,891	05-05-1998	Fleming et al.	
		US- 5,761,197	06-1998	Takefman	
		US- 5,812,671	09-1998	Ross	
		US- 5,850,422	12-1998	Chen	
		US- 5,886,652	03-1999	Adachi et al.	
		US- 5,889,767	03-1999	Kimura	
		US- 5,903,605	05-1999	Crittenden	
		US- 5,909,491 A	06-1999	Luo	
✓		US- 5,920,278	07-06-1999	Tyler et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Signature	<i>Phuong Phu</i>	Date Considered	1/22/05
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		Number-Kind Code ² (if known)			
p1		US- 5,940,435	08-1999	Hendrickson	
		US- 6,002,708	12-14-1999	Fleming et al.	
		US- 6,026,125	02-15-2000	Larrick, Jr. et al.	
		US- 6,041,051	03-2000	Doshi et al.	
		US- 6,064,697	05-2000	Yoshikawa	
		US- 6,067,648	05-2000	Hunter et al.	
		US- 6,069,887	05-2000	Geiger et al.	
		US- 6,097,766	08/2000	Okubo et al.	
		US- 6,115,390	09-05-2000	Chuah	
		US- 6,122,291 A	09-2000	Robinson et al.	
		US- 6,161,138	12-2000	Gross et al.	
		US- 6,172,965	01-2001	Edwards et al.	
		US- 6,177,903 B1	01-2001	Fullerton et al.	
		US- 6,181,687	01-2001	Chatschik Bisdikian	
		US- 6,212,230	04-2001	Rybicki et al.	
		US- 6,236,662 B1	05-2001	Reilly	
		US- 6,239,741 B1	05-2001	Fontana et al.	
		US- 6,246,277 B1	06-12-2001	Aiello et al.	
		US- 6,275,500	08-2001	Callaway et al.	

FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
P		US- 6,292,153 B1	09-18-2001	Aiello et al.	
		US- 6,300,903 B1	10-09-2001	Richards et al.	
		US- 6,310,865 B1	10-2001	Ohki	
		US- 6,324,397 B1	11-2001	Adachi et al.	
		US- 6,351,468 B1	02-2002	LaRowe et al.	
		US- 6,351,652 B1	02-26-2002	Finn et al.	
		US- 6,385,461 B1	05-2002	Raith	
		US- 6,400,308	06-2002	Bell et al.	
		US- 6,424,645	07-2002	Kawabata et al.	
		US- 6,437,832 B1	08-20-2002	Grabb et al.	
		US- 6,449,265 B1	09-2002	Prieto, Jr.	
		US- 6,463,042	10-2002	Risto Paatelma	
		US- 6,477,171 B1	11-2002	Wakeley et al.	
		US- 6,480,505 B1	11-2002	Johansson et al.	
		US- 6,492,904 B2	12-10-2002	Richards	
		US- 6,497,656 B1	12-24-2002	Evans et al.	
		US- 6,505,032 B1	01-07-2003	McCorkle et al.	
		US- 6,510,150	01-2003	Chiu Y Ngo	
		US- 6,519,460	02-2003	Haartsen	

FOREIGN PATENT DOCUMENTS

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		US- 6,549,567 B1	04-15-2003	Fullerton	
		US- 6,574,266 B1	06-2003	Jacobus Haartsen	
		US- 6,597,683	07-2003	Gehring et al.	
		US- 6,603,818 B1	08-2003	Dress et al.	
		US- 6,621,857 B1	09-2003	Belotserkovsky et al	
		US- 6,625,229 B2	09-2003	Dress et al.	
		US- 6,628,642	09-2003	Mile'n et al.	
		US- 6,633,558	10-2003	Cho et al.	
		US- 6,668,008	12-2003	Panasik	
		US- 6,697,382	02-2004	Eatherton	
		US- 6,707,828	03-2004	Chuah et al.	
		US- 6,735,238 B1	05-2004	McCorkle et al.	
		US- 6,735,734 B1	05-2004	Liebetreu et al.	
		US- 6,747,959 B1	06-2004	Jin-Meng Ho	
		US- 2001/0055353	12-2001	Rybicki et al.	
		US- 2002/0018458	02-14-2002	Aiello et al.	
		US- 2002/0131370	09-2002	Chuah et al.	
		US- 2003/0054764 A1	03-2003	McCorkle et al.	
		US-			

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HP		"802.1D and 802.1Q Bridging Conformance" TA Document IEEE802.17-11Jul2001/040:3, 1394 Trade Association, 7 pages, October 2001.	
HP		Dr. James P. K. Gilb, Wireless Multimedia... A Guide to the IEEE 802.15.3 Standard, March 2004, Pages 42-63.	

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